

AMENDMENTS TO THE CLAIMS:

Please amend the claims as follows. This listing of claims will replace all prior versions and listings of claims in the above-referenced application.

Listing of Claims:

1. (Currently Amended) A method of recovering data provided ~~in chunks by a plurality of primary storage devices~~ to a plurality of secondary storage devices, comprising:
~~the secondary storage devices receiving data in chunks, each chunk having a sequence number associated therewith, wherein writes by the primary storage devices begun before a particular time are assigned a first sequence number and writes begun by the primary storage devices begun after the particular time are assigned a second sequence number different than the first sequence number and wherein switching of sequence numbers is coordinated between the primary storage devices;~~
for each of the secondary storage devices, discarding data corresponding ~~to~~ chunks for which all data thereof has not been received; and
~~for each of the secondary storage devices, restoring a chunk of data thereto wherein all of the chunks of data restored to the plurality of secondary storage devices correspond to a particular transmission cycle of primary storage devices that provide data to the plurality of secondary storage devices have the same sequence number.~~

2. (Original) A method, according to claim 1, further comprising:

following discarding and prior to restoring, for each of the plurality of secondary storage devices having two different chunks, waiting for external intervention to indicate whether to restore a particular one of the chunks.

3. (Original) A method, according to claim 2, wherein the external intervention is provided by a host computer that is proximate to at least one of the secondary storage devices.

4. (Original) A method, according to claim 2, wherein the external intervention is provided by a host computer that is proximate to at least one of the primary storage computers.

5. (Currently Amended) A method, according to claim 2, further comprising:

restoring most recent chunks for all of the plurality of secondary storage devices in response to there being two different chunks associated with all of the plurality of secondary storage devices, wherein a first one of the two chunks corresponds to a first ~~transmission cycle sequence number~~ and wherein a second one of the two chunks corresponding to a different ~~transmission cycle sequence number~~.

6. (Original) A method, according to claim 5, further comprising:

discarding chunks that are not restored.

7. (Currently Amended) A method, according to claim 2, further comprising:

for each of the secondary storage devices, restoring a chunk of data corresponding to a particular ~~transmission~~ ~~cycle~~ ~~sequence~~ ~~number~~ wherein all of the secondary storage devices contain a chunk of data corresponding to the particular ~~transmission~~ ~~cycle~~ ~~sequence~~ ~~number~~.

8. (Original) A method, according to claim 7, further comprising:

discarding chunks that are not restored.

9. (Currently Amended) A method, according to claim 1, wherein each ~~transmission~~ ~~cycle~~ ~~sequence~~ ~~number~~ is assigned a particular tag value that is provided with each chunk of data.

10. (Currently Amended) A method, according to claim 9, wherein the tag values are used to determine the particular ~~cycle~~ ~~sequence~~ ~~number~~ for each of the chunks of data.

11. (Currently Amended) Computer-readable medium containing computer software that recovers data provided ~~in chunks by a plurality of primary storage devices~~ to a plurality of secondary storage devices, comprising:

executable code that receives data in chunks, each chunk having a sequence number associated therewith, wherein writes by the primary storage devices begun before a particular time are assigned a first sequence number and writes begun by the primary storage devices begun after the particular time are assigned a second sequence number different than the first sequence number and wherein switching of sequence numbers is coordinated between the primary storage devices;

executable code that discards data corresponding to chunks for which all data thereof has not been received for each of the secondary storage devices; and

executable code that restores a chunk of data thereto for each of the secondary storage devices, wherein all of the chunks of data restored to the plurality of secondary storage devices correspond to a particular transmission cycle of primary storage devices that provide data to the plurality of secondary storage devices have the same sequence number.

12. (Currently Amended) Computer-readable medium software, according to claim 11, further comprising:

executable code that waits for external intervention to indicate whether to restore a particular one of the chunks for each of the plurality of secondary storage devices having two different chunks.

13. (Currently Amended) Computer-readable medium software, according to claim 12, further comprising:

executable code that restores most recent chunks for all of the plurality of secondary storage devices in response to there being two different chunks associated with all of the plurality of secondary storage devices, wherein a first one of the two chunks corresponds to a first ~~transmission cycle~~ sequence number and wherein a second one of the two chunks corresponding to a different ~~transmission cycle~~ sequence number.

14. (Currently Amended) Computer-readable medium software, according to claim 13, further comprising:

executable code that discards chunks that are not restored.

15. (Currently Amended) Computer-readable medium software, according to claim 12, further comprising:

executable code that restores a chunk of data corresponding to a particular ~~transmission cycle~~ sequence number wherein all of the secondary storage devices contain a chunk of data corresponding to the particular ~~transmission cycle~~ sequence number.

16. (Currently Amended) Computer-readable medium software, according to claim 15, further comprising:

executable code that discards chunks that are not restored.

17. (Currently Amended) Computer-readable medium software, according to claim 11, wherein each ~~transmission cycle~~ sequence number is assigned a particular tag value that is provided with each chunk of data.

18. (Currently Amended) Computer-readable medium software, according to claim 17, wherein the tag values are used to determine the particular ~~cycle~~ sequence number for each of the chunks of data.